## WHAT IS CLAIMED IS

5

1. A cleaning apparatus comprising:

a blade chip having a rubber plate member and a reinforcing plate member that are joined together;

a supporting plate supporting the blade chip;

10 and

a holder pressing the blade chip against the supporting plate.

15

The cleaning apparatus as claimed in claim
 wherein the length between a distal end of the rubber plate member and a distal end of the reinforcing plate
 member is no more than the thickness of the rubber plate member.

25

The cleaning apparatus as claimed in claim
 wherein at least a portion of the rubber plate member
 surface treated for reducing friction created thereon.

5

The cleaning apparatus as claimed in claim
 further comprising a holding plate having a support
 axle for rotatably supporting the blade chip via the supporting plate.

15

5. An image forming apparatus comprising: the cleaning apparatus as claimed in claim 1.

20

25

6. A process cartridge having an image carrier on which an electrostatic latent image is formed, a charging unit for charging the image carrier to form the electrostatic latent image thereon, a developing

unit for developing the electrostatic latent image with a developer, the process cartridge comprising:

the cleaning apparatus as claimed in claim 1.

5

7. An image forming apparatus comprising:
at least one process cartridge as claimed in
10 claim 6.

8. A cleaning apparatus comprising:

a blade chip having a rubber plate member and a reinforcing plate member that are joined together;

a vibration plate supporting the blade chip;

a piezoelectric element disposed on the

vibration plate for propagating vibration to the blade chip via the vibration plate; and

a holder pressing the blade chip against the vibration plate.

25

9. The cleaning apparatus as claimed in claim 8, wherein at least a portion of the rubber plate member is surface treated for reducing friction created thereon.

10. The cleaning apparatus as claimed in claim 8, further comprising a holding plate having a support axle for rotatably supporting the blade chip via the vibration plate.

15

11. The cleaning apparatus as claimed in claim 8, wherein the vibration plate is set with a plate thickness which is less than that of the rubber plate member and that of the reinforcing plate member.

25

12. The cleaning apparatus as claimed in claim 8, wherein one or more notches are formed in a portion of the vibration plate other than a portion of the vibration plate on which the piezoelectric element is disposed.

13. The cleaning apparatus as claimed in claim 8, wherein the rubber plate member and the reinforcing plate member are joined together via an intermediary member disposed therebetween.

15

5

14. An image forming apparatus comprising: the cleaning apparatus as claimed in claim 8.

20

15. A process cartridge having an image25 carrier on which an electrostatic latent image is formed,

a charging unit for charging the image carrier to form the electrostatic latent image thereon, a developing unit for developing the electrostatic latent image with a developer, the process cartridge comprising:

5 the cleaning apparatus as claimed in claim 8.

16. An image forming apparatus comprising:

at least one process cartridge as claimed in claim 15.